Figure 1A

1	CAAGCACTGTGCTAAAGTGTTTTTCATATGTCATGAAAAGTTGTGCCAGAAAATTATGGT	60
61	TTGAACATGGGCAGTTTTCTCCTACCGTCAGCTATATCCACAAGCATCACATGAAGTGGA	120
121	${\tt GATCTGGCAGCTCTGTGTATTTCAGTCAAGTTCCACAATGAAACCTGACAATAATGGTAA}$	180
181	${\tt AAACCAATACGGACATCTGAGTAACTGGGGAATTGGCCTGCCT$	240
241	${\tt GAAGATTGGATATAGACGAGTTGATTATATTTTATGAAGTAGCAGCTCACTACCATCCAC}$	300
301	${\tt CATCCAGGGITTAAACTACTTTTTCAGCATCACTTCACCTGTGGACTCTTATACATTTTG}$	360
361	$\tt \lambda TTTCTTGGGGGAAAAATACTGGGATAAGAGGAGGTCATTTTTTAATAAGTTAGCATCCT$	420
421	${\tt TTTCCCTTTCTTACAAGTTGATCCAAAGGATAAGGCTGTGACTCCATTGGATTGCACCTT}$	480
481 1	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	5 4 0 9
541 10	TTATTATCCTCGAGAACAAGGGTCCGCACTTCCCAACTCCTTCCCTGAGJTGGTAGAGCT Y Y P R E Q G S A V P N S F P <u>E V V E L</u>	600 29
60 <u>1</u> 30	GAATGTCGGGGGTCAAGTTTATTTTACTCGCCATTCCACATTGATAAGCATCCCTCATTC N V G G C V Y F T R H S T L I S I P H S	660 49
661 50	CCTCCTGTGGAAAATGTTTTCCCCAAAGAGAGACACGGCTAATGATCTAGCCAAGGACTC L L W K M F S P K R D T A N D L A K D S	720 69
721 70	CAAGGGAAGGTTTTTCATTGACAGAGATGGATTCTTGTTCCGTTATATTCTGGACTATCT K G R F F I D R D G F L F R Y I L D Y L	780 89
781 90	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	840 109
841 110	AGCTGAATACTTCCAGCTCCCAGACTTGGTCAAACTCCTGACCCCCGATGAAATCAAGCA A E Y F Q L P D L V K L L T P D E I K Q	900 129
901 130	AAGCCCAGATGAATTCTGCCACAGTGACTTTGAAGATGCCTCCCAAGGAAGCGACACAAG S P D E F C H S D F È D A S Q G S D T R	960 149
961 150	AATCTGCCCCCCTTCCTCCCTGCCCGACCGCAAGTGGGGTTTCATTACTGTGGG I C P P S S L L P A D R K W G F I T V G	1020 169

Figure 1B

	TTACAGAGGATCCTGCACCTTGGGCAGAGAGGGACAGGCAGATGCCAAGTTTCGGAGAGT	1080
170	Y R G S C T L G R E G Q A D A K F R R V	189
1081	TCCCCGGATTTTGGTTTGTGGAAGGATTTCCTTGGCAAAGAAGTCTTTGGAGAAACTTT	1140
190	PRILVCGRISLAKEVFGETL	209
1141	GAATGAAAGCAGAGACCCTGATCGAGCCCCAGAAAGATACACCTCCAGATTTTATCTCAA	1200
210	NESRDPDRAPERYTSRFYLK	229
1201	ATTCAAGCACCTGGAAAGGGCTTTTGATATGTTGTCAGAGTGTGGATTCCACATGGTGGC	1260
230	F K H L E R A F D M L S E C G F H M V A	249
1261	CTGTAACTCATCGGTGACAGCATCTTTCATCAACCAATATACAGATGACAAGATCTGGTC	1320
250	C N S S V T A S F I N Q Y T D D K I W S	269
	1	
1321	AAGCTACACTGAATATGTCTTCTACCGTGAGCCTTCCAGATGGTCACCCTCACACTGCGA	1380
270	SYTEYVFYREPSRWSPSHCD	289
1381	TTGCTGCTGCAAGAATGGCAAAGGTGACAAAGAAGGGGGAGAGCGGCACGTCTTGCAATGA	1440
290	C C C K N G K G D K E G E S G T S C N D	309
250		303
1441		1500
310	L S T S S C D S O S E A S S P O E T V I	329
310		323
1501	CTGTGGTCCCGTGACACGCCAGACCAACATCCAGACTCTGGACCGTCCCATCAAGAAGGG	1560
330	CGPVTRQTNIQTLDRPIKKG	349
1561	CCCTGTCCAGCTGATCCAACAGTCAGAGATGCGGCGGAAAAGCGACTTACTCCGGATTCT	1620
350	PVQLIQQSEMRRKSDLLRIL	369
1621	GACTTCAGGCTCCAGGGAATCGAACATGAGCAGCAAAAAAAA	1680
370	T S G S R E S N M S S K K K A V K E K L	389
370		309
1681	CTCAATTGAGGAGGAGCTGGAGAAATGTATCCAGGATTTCCTAAAAAAAA	1740
390	SIEEELEKCIQDFL·KKIPD	409
1741	TCGGTTTCCTGAGAGAAAACATCCTTGGCAATCTGAACTTTTAAGGAAGTATCATCTATA	1800
410	RFPERKHPWQSELLRKYHL	428
		4060
1801	AGGGAGGCTGGGGGCGGGAAAAAAAAAAAAAAAGAGTCATTTTGAAATTAACCTCATAA	1860
1861	AAGGAATTCATATTTTAAAGGAAAAAAATACAACTAATGATGCACATTTCTTAGAACACA	1920
	· · · · · · · · · · · · · · · · · · ·	
1921	ATAGTCCATTGATATACTACTGCCTACTTTACCTAGTTCACCTTAACATGTAAATCCACA	1980

Figure 1C

1981	$\tt GGGTAGATTTCTTAGATGTGGAAGTACAAGAAAATCTTTTTTAGTTATTTGTTTG$	2040
2041	${\tt TACTTCGTCCCATGTGCTAACTATCTTATATATATGAGAGCCAGCTACGTAAAAGTAGC}$	2100
2101	${\tt TGAGAGGCCTTGGGAGTCATTTATCCCAAACTGGGTTTTTTCTCTCATCCTTCTACCTCC}$	2160
2161	$\tt CTCCTTTGAATGAGGGTATGGTAGAAAAAGATCTGGCCCAATGGCATAGGTTTGGAATTT$	2220
2221	${\tt TTAATTTTGGTTTTTCCTTTTGTTTATGGGGTTGGGGGGAATGGCAGATTTATATGACTT}$	2280
2281	${\tt TTCACTCAAATCTATATGTGCCAGTTTATATTGACTCCGTATGCATGAGTATTTGTGCAA}$	2340
2341	${\tt CACAAGCACAACTAAGTATGTATATACACATGACGCACACGATGCCAGGGCCTAGACCTC}$	2400
2401	${\tt CCAAGGGCTGTGCTCCTGGTCCCAGCAGCCCTCTCTTAGAATATTTCAGATGGATG$	2460
2461	${\tt TCTGACTCTTTAAAATTCTTTTGGGAAGATTTCCCAGCCTTTCTTCACAACACTTTC}$	2520
2521	${\tt TAACATCAAATGACTCTCATCATCAACAAATTGTATTCCTTATTGTGAAATTAATACCCT}$	2580
2581	${\tt CAGGCTCCATTTACTGCTTTTGCTCTTTGCATTAAGAGAGGATGAGGAGGAGGCTGGT}$	2640
2641	${\tt CAAACATTCCTTGTGTTAAAAAATCAAACATTCATATCCACAAAATTTTCTGCTAAATG}$	2700
2701	${\tt ACTCCACACTCAGCCTTCTCTCCCTGAACTGAATTATCACCCTTTTCTCCATGTTTTCA}$	2760
2761	${\tt GAGTTCTTACTGCCCACAGTTTAATGGTGTGGCCTTTCCACATAATCCACATTAAGTTCT}$	2820
2821	$\tt GTGTTCCTGTGTTGTTGGAACTAAGGACAACACACAGTACTTGAATAAGGGTCCGGCC$	2880
2881	${\tt TTTTGTTTTTAGAGAAAGTTGTATTCCACACACACACCTAATAATTTCTTATAAAAAT}$	2940
2941	${\tt TTTAAACTACAAAGCTACATTTTTACTTGCTTGTAGCCGTTTTTGTTTG$	3000
3001	${\tt CGGGCTTTGGCTGTGCCCATGCTAGGATTTAGCTGTGTCATTTTTATGATGTCTGTAACA}$	3060
3061	${\tt ACCCAACAAGGTAACTGAAGCTCCAGAGTTAAGGTTTCAGATTTCTAAATGAAACTATCT}$	3120
3121		3180

Figure 1D

3181	GTCCATGTAACTCTGTATTTTACTAAGGTACCAATAGCTCTTTCATAGACTTGTGCTACA	3240
3241	${\tt AGAAGGTTAAAAGACCAGTTTATTTTCAGCATTCCTCATGCATTTCAGTGGTAACCAAA}$	3300
3301	${\tt AAATAATTTGTCAATTAATAGTTGTGTGCCAAGCACTCCTAATTTGTTTTATTGCGTGTG}$	3360
3361	${\tt TGTGCATGTGTATGTGTATCACAGGTAATAAAGGCAATTGGATGATTAAAAAAAA$	3420
3421	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	

Figure 2A

1		50
K+betaM2		malsgncsryypreqgsavpnsfpegveln <mark>vgc</mark> qvyftrhstli§
AAF558201	(1)	MPEIIELN VGC VS Y TTIILATLLQ
CAA20329.1	(1)	mtswedvitlnvgctmyttirstlsk
Y34129	(1)	NDNGDWGYMMTDPVTLNVGGHEVTTSLTTLTR
Y34125	(1)	MSRPLITRSPASPLXNQGIPTPAQLTKSNAPVHIDVGGHMYTSSLATLTK
		51 100
K+betaM2	(46)	IPHSLLWKMFSPKRDTANDIAKDSKGRETIDRDCFLERVILDVLRDRQ
AAF558201	(24)	DKSTLLÆEIFGEGRDSIAKDSKGRYFIDRDCVLERVILDFIRDKA
CAA20329.1	(27)	ETDTLLANDASGSLSEDEQANOVTLPDGTL TODRDGPL BAYOL HFLRTDK
Y34129 Y34125	(33)	YPDSMLGAMFGGDFPMARDPDGNYTIDRD PLARTVINFIRTSE YPBSRIGRÜFDGT-EPIMLDSLKOHYTIDRDCOMBRIIDNFIRTSK
134125	(51)	A SE SKITCHIED G L-E STOLDSTY OU A BIT DE DE DE DE MALENA DE LA LEGAL DE L
		101 150
K+betaM2	(94)	MVLPDH-PEKGRIKREAEMFQLPDLWKLLTPDEIKQSPDEFCHSDFEDAS
AAF558201	(69)	LHLEEGERERORULEEMEHFELTAMIECERSERDAR
CAA20329.1	(77)	LSLEEO REVAR KD MOFYRLER STLLSNASSIS-PRPR
Y34129	(77)	LTLPLDEKEFDLIRK ADFYQHEPLTQCLNDPKPLY
Y34125	(96)	LLIEDDEKDYTLIYEBAKWFQLQPMILEMERWKQDR
101120	(30)	225 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		151 200
K+betaM2	(144)	QGSDTRICPPSSLLPADRKWGFITWGYRGSCTLGREGQADAKFRRWPRIL
AAF558201	(105)	PPGCITTGYRGSFQFGKDGLADVKFRKLSRIL
CAA20329.1	(117)	TANGYNTITSGAETGGYITLGYRGTFAFGRDGQADVKFRKUHRIL
Y34129	(113)	PMDTFEEVWELSSTRKLSKYSNPVAVUITQLUITTK
Y34125	(132)	ETGRFSRPCECLVVRVMPDLGERITLSGDKSLMEEVF
1		201 250
K+betaM2	(194)	VCGRESTAKEVFGETLNESRDPDR-APERYESRFYLKFKHLERAFDMLSE
AAF558201	(137)	VCGRÄSTAKEVFGETLNESRDPDR-APERYÄSRFYLKFKHLERAFDMLSE VCGRMAQCREVFGDTLNESRDPDHGGTDRYÄSRFFLKHCHLEQAPDNLHD
AAF558201 CAA20329.1	(137) (162)	VCGRTSLAKEVFGETLNESRDPDR-APBRYTSRFYLKFKHLERAFDMLSE VCGRVAQCREVFGTLNESRDPDHGGTDRYTSRFFLKHCHLEQAFDNLHD VCGRATTCREVFATLNESRDPGGPDDGE
AAF558201 CAA20329.1 Y34129	(137) (162) (149)	VCGREGEMKEVFGETLNESRDPDR-APERYEISFYLKFKHLEREFDMLSE VCGRØAQCREVFGDTLNESRDPDHGGTDRYEISFFLKHCHIEGEFDNLHD VCGRETECKEVFADTLNESRDPGG-PDGE
AAF558201 CAA20329.1	(137) (162)	VCGRTSLAKEVFGETLNESRDPDR-APBRYTSRFYLKFKHLERAFDMLSE VCGRVAQCREVFGTLNESRDPDHGGTDRYTSRFFLKHCHLEQAFDNLHD VCGRATTCREVFATLNESRDPGGPDDGE
AAF558201 CAA20329.1 Y34129	(137) (162) (149)	VCGRÖGERREVFGETLNESRDDDR-APBRYTISRFYLKFKILERAPDMLSE VCGRAQCREVFEDTLNESRDDBGGTBYYTISRFPLKHOZIEQAFDNIHD VCGRATICREVFADTLNESRDDBGPDOGB
AAF558201 CAA20329.1 Y34129 Y34125	(137) (162) (149) (169)	VCGREGAREVFGETLNESRDPDR-APBRYBSFYLKFKBLERAPDMLSE VCGREGACBEVFGTLNESRDPDHGTDRYBSFYLKFKBLERAPDMLSE VCGREGATDCREVFAUTLNESRDPGGPDDGE VIBLIEGLSTYFFKWKRHMUDDDCOVSPTFGPDHJGOVGLRVHLM PELGOVØCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 300
AAF558201 CAA20329.1 Y34129	(137) (162) (149) (169)	VCGRÜGERGEVFGETLNESRDPDR-APERVÜSEFYLKEKÜLERREPMLSE VCGRÜAQGEVFGUTLNESRDPDGG-PDGE
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2	(137) (162) (149) (169)	VCGREGAREVFGETLNESRDPDR-APBRYBSFYLKFKBLERAPDMLSE VCGREGACBEVFGTLNESRDPDHGTDRYBSFYLKFKBLERAPDMLSE VCGREGATDCREVFAUTLNESRDPGGPDDGE VIBLIEGLSTYFFKWKRHMUDDDCOVSPTFGPDHJGOVGLRVHLM PELGOVØCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 300
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201	(137) (162) (149) (169) (243) (187)	VCGRÜGEMEVFGETLNESRDPDR-APERVÜSRFYLKKÄLLERREMM.SE VCGRÜADCREVFGUTLNESRDPDG-PDDGE
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1	(137) (162) (149) (169) (243) (187) (191)	VCGRÜGERGEVFGETLNESRDPDR-APERVÜSEFYLKEKÜLERREPMLSE VCGRÜAQGEVFGUTLNESRDPDGG-PDGE
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129	(137) (162) (149) (169) (243) (187) (191) (196)	VCGRÜGERIGETLNESRDDDR-APËRVÜGSFYLKKÄLLERRPDMLSE VCGRÜAQCREVFÖTTLNESRDPDG-PDCG- VCGRÜAQCREVFÄDTLNESRDPGG-PDCG- VGRÜLBCISNYFTKMKÄHMMÜRDCOVSTFOPCDYÖGEVSÄLVILM PEIGDVÜCNSVNÄGWNEDSTHVIRFPLNGYCHLÄSVOVLERLQQ 251 CGHÄVÄCNSSVTASFINQYTDÖKIWSSYTEYVFYRÖPSRWSPSH HGÜRMAGSCGSGTAGSAAEPKRGVDTEÖNRWHYNEFVFIRÖ EYÜTKOGFTIRNTRVHHMSERANENTVÄHNWTFCRLARKTDÖ RGHEÖVGSCGGGÖDSSQFSEYVLRRELRRTPRVPSVIRIKQÜPL
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125	(137) (162) (149) (169) (243) (187) (191) (196) (213)	VCGRÖGEMEVFGSTLNESRDPDR-APBYLISFYLKEKILERAPDMLSE VCGRÖAGCREVFGSTLNESRDPDG-PDGG VCGRÖAGCREVFADTINESRDPGG-PDGG VISCLIEGTEVFTWINKTHMMDIRDCOVSTTFGPCDMFGGSERVHLM PETGDVMCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 251 300 CGBHWACNSSVTASFIN
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2	(137) (162) (149) (169) (243) (187) (191) (196) (213)	VCGRÜGERIGETLNESRDDDR-APËRVÜGSFYLKKÄLLERRPDMLSE VCGRÜAQCREVFÖTTLNESRDPDG-PDCG- VCGRÜAQCREVFÄDTLNESRDPGG-PDCG- VGRÜLBCISNYFTKMKÄHMMÜRDCOVSTFOPCDYÖGEVSÄLVILM PEIGDVÜCNSVNÄGWNEDSTHVIRFPLNGYCHLÄSVOVLERLQQ 251 CGHÄVÄCNSSVTASFINQYTDÖKIWSSYTEYVFYRÖPSRWSPSH HGÜRMAGSCGSGTAGSAAEPKRGVDTEÖNRWHYNEFVFIRÖ EYÜTKOGFTIRNTRVHHMSERANENTVÄHNWTFCRLARKTDÖ RGHEÖVGSCGGGÖDSSQFSEYVLRRELRRTPRVPSVIRIKQÜPL
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229)	VCGRÖGEMEVFGSTLNESRDPDR-APBYLISFYLKEKILERAPDMLSE VCGRÖAGCREVFGSTLNESRDPDG-PDGG VCGRÖAGCREVFADTINESRDPGG-PDGG VISCLIEGTEVFTWINKTHMMDIRDCOVSTTFGPCDMFGGSERVHLM PETGDVMCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 251 300 CGBHWACNSSVTASFIN
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191)	VCGRÖGEMEVFGSTLNESRDPDR-APBYLISFYLKEKILERAPDMLSE VCGRÖAGCREVFGSTLNESRDPDG-PDGG VCGRÖAGCREVFADTINESRDPGG-PDGG VISCLIEGTEVFTWINKTHMMDIRDCOVSTTFGPCDMFGGSERVHLM PETGDVMCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 251 300 CGBHWACNSSVTASFIN
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191) (238)	VCGRÖGEMEVFGSTLNESRDPDR-APBYLISFYLKEKILERAPDMLSE VCGRÖAGCREVFGSTLNESRDPDG-PDGG VCGRÖAGCREVFADTINESRDPGG-PDGG VISCLIEGTEVFTWINKTHMMDIRDCOVSTTFGPCDMFGGSERVHLM PETGDVMCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 251 300 CGBHWACNSSVTASFIN
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191)	VCGRÖGEMEVFGSTLNESRDPDR-APBYLISFYLKEKILERAPDMLSE VCGRÖAGCREVFGSTLNESRDPDG-PDGG VCGRÖAGCREVFADTINESRDPGG-PDGG VISCLIEGTEVFTWINKTHMMDIRDCOVSTTFGPCDMFGGSERVHLM PETGDVMCNSVNAGWNIDSTHVIRFPLNGYCHLBSVOWLERLQQ 251 251 300 CGBHWACNSSVTASFIN
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191) (238)	VCGRÜGERGEVFGETLNESRDPDR-APERVÄSEFYLKEKÄLERÄPÄMLSE VCGRÜACGEVFGUTLNESRDPDG-PDCG- VCGRÜACGEVFADTLNESRDPGG-PDCG- VISLLEGISNYFIKWKHMMDÜRDCOVSTFOPCDYĞOVSÜRÜVILM PEIGDVÄCNSVAGWNÐSTHVIRFPLNGYCHLÄSVQÜLERLQQ 251 300 CGHMYĞCNSVTASFINQYTDÖKIWSSYTEYVFYRĞPSRWSPSH HGÖRHAGSCGSGTAGSAAEPKPGVDTEÐNRWHYNEFVFTRÐ EYÆTKGGFTIRNTRVHHMSERANENTVÐHNWTPCRLARKTDÐ RGÐEÐVGSCGGGÐSSQFSEYVLRRELÆRTPRVPSVIRIKQÐPL 301 301 CDCCCKNGKGDKEGESGTSCNDLSTSSCDSQSEASSPQETVICGPVTRQT
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 Y34125	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191) (238) (257)	VCGRÜGEMEVFGETLNESRDPDR-APERVESFYLKEKELERREPMLSE VCGRÜACCREVFGUTLNESRDPDG-PDGE
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 K+betaM2 K+betaM2 K+betaM2 K+betaM2 K+betaM2 K+betaM2 K+betaM2 K+betaM2 K+betaM2	(137) (162) (149) (169) (243) (187) (196) (213) (229) (191) (238) (229) (191) (238) (257)	VCGRÜGERGEVFGETLNESRDPDR-APERVÄSEFYLKEKÄLERÄPÄMLSE VCGRÜACGEVFGUTLNESRDPDG-PDCG- VCGRÜACGEVFADTLNESRDPGG-PDCG- VISLLEGISNYFIKWKHMMDÜRDCOVSTFOPCDYĞOVSÜRÜVILM PEIGDVÄCNSVAGWNÐSTHVIRFPLNGYCHLÄSVQÜLERLQQ 251 300 CGHMYĞCNSVTASFINQYTDÖKIWSSYTEYVFYRĞPSRWSPSH HGÖRHAGSCGSGTAGSAAEPKPGVDTEÐNRWHYNEFVFTRÐ EYÆTKGGFTIRNTRVHHMSERANENTVÐHNWTPCRLARKTDÐ RGÐEÐVGSCGGGÐSSQFSEYVLRRELÆRTPRVPSVIRIKQÐPL 301 301 CDCCCKNGKGDKEGESGTSCNDLSTSSCDSQSEASSPQETVICGPVTRQT
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 Y34125	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191) (238) (257)	VCGRÜGEMEVFGETLNESRDPDR-APERVESFYLKEKELERREPMLSE VCGRÜACCREVFGUTLNESRDPDG-PDGE
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125	(137) (162) (149) (169) (243) (187) (191) (196) (213) (223) (229) (191) (238) (257) (338) (229)	VCGRÜGEMEVFGETLNESRDPDR-APERVESFYLKEKELERREPMLSE VCGRÜACCREVFGUTLNESRDPDG-PDGE
AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34129 Y34125 K+betaM2 AAF558201 CAA20329.1 Y34125 K+betaM2 AAF558201 CAA20329.1 CAA20329.1 CAA20329.1	(137) (162) (149) (169) (243) (187) (191) (196) (213) (288) (229) (191) (338) (229) (229) (191)	VCGRÜGEMEVFGETLNESRDPDR-APERVESFYLKEKELERREPMLSE VCGRÜACCREVFGUTLNESRDPDG-PDGE

Figure 2B

		401 441
K+betaM2	(388)	KLSIEEELEKCIQDFLKKKIPDRFPERKHPWQSELLRKYHL
AAF558201	(229)	
CAA20329.1	(191)	
Y34129	(238)	
Y34125	(257)	
Consensus	(401)	

Figure 3

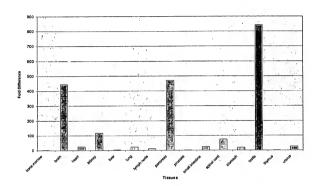


Figure 4.

Protein	Genbank ID	Identities	Similarities
Human potassium channel K+Hnov28	gi Y34129	31%	41%
Drosophila CG10830 protein	gi AAF55820.1	52%	66%
Caenorhabditis K+ channel tetramerisation domain	gi CAA20329.1	42%	51%
Human potassium channel K+Hnov27	gi Y34125	32%	41%

D0076 NP

Figure 5

